

*Revised*

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/08/836,455**

1642

#10

DATE: 06/23/98  
 TIME: 13:34:14

INPUT SET: S26895.raw

**This Raw Listing contains the General Information Section and up to the first 5 pages.**

SEQUENCE LISTING

**ENTERED**

- 1
- 2
- 3 (1) General Information:
- 4
- 5 (i) APPLICANT: Chatterjee, Malaya
- 6 Foon, Kenneth A.
- 7 Chatterjee, Sunil K.
- 8
- 9 (ii) TITLE OF INVENTION: MURINE MONOCLONAL ANTI-IDIOTYPE ANTIBODY
- 10 11D10 AND METHODS OF USE THEREOF
- 11
- 12 (iii) NUMBER OF SEQUENCES: 59
- 13
- 14 (iv) CORRESPONDENCE ADDRESS:
- 15 (A) ADDRESSEE: MORRISON & FOERSTER
- 16 (B) STREET: 755 PAGE MTEL ROAD
- 17 (C) CITY: PALO ALTO
- 18 (D) STATE: CA
- 19 (E) COUNTRY: USA
- 20 (F) ZIP: 94304-1018
- 21
- 22 (v) COMPUTER READABLE FORM:
- 23 (A) MEDIUM TYPE: Floppy disk
- 24 (B) COMPUTER: IBM PC compatible
- 25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- 26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- 27
- 28 (vi) CURRENT APPLICATION DATA:
- 29 (A) APPLICATION NUMBER: US 08/836,455
- 30 (B) FILING DATE: 09-MAY-1997
- 31 (C) CLASSIFICATION:
- 32
- 33 (viii) ATTORNEY/AGENT INFORMATION:
- 34 (A) NAME: Polizzi, Catherine M.
- 35 (B) REGISTRATION NUMBER: 40,130
- 36 (C) REFERENCE/DOCKET NUMBER: 30414-20003.22
- 37
- 38 (ix) TELECOMMUNICATION INFORMATION:
- 39 (A) TELEPHONE: (650) 813-5600
- 40 (B) TELEFAX: (650) 494-0792
- 41 (C) TELEX: 706141
- 42
- 43
- 44 (2) INFORMATION FOR SEQ ID NO:1:
- 45
- 46 (i) SEQUENCE CHARACTERISTICS:

# RAW SEQUENCE LISTING PATENT APPLICATION US/08/836,455

DATE: 06/23/98  
TIME: 13:34:15

INPUT SET: S26895.raw

```

47      (A) LENGTH: 435 base pairs
48      (B) TYPE: nucleic acid
49      (C) STRANDEDNESS: single
50      (D) TOPOLOGY: linear
51
52      (ii) MOLECULE TYPE: DNA (genomic)
53
54
55      (ix) FEATURE:
56          (A) NAME/KEY: CDS
57          (B) LOCATION: 1..435
58
59      (ix) FEATURE:
60          (A) NAME/KEY: mat_peptide
61          (B) LOCATION: 61
62
63
64      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
65
66      ATG GGG GCC CCT GCT CAG ATT CTT GGG TTC TTG TTG CTC TTG TTT CCA      48
67      Met Gly Ala Pro Ala Gln Ile Leu Gly Phe Leu Leu Leu Leu Phe Pro
68      -20                      -15                      -10                      -5
69
70      GGT ACC AGA TGT GAC ATC CAG ATG ACC CAG TCT CCA TCC TCC TTA TCT      96
71      Gly Thr Arg Cys Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser
72                      1                      5                      10
73
74      GCC TCT CTG GGA CAA AGA GTC AGT CTC ACT TGT CGG GCA AGT CAG GAC      144
75      Ala Ser Leu Gly Gln Arg Val Ser Leu Thr Cys Arg Ala Ser Gln Asp
76          15                      20                      25
77
78      ATT GGT ATT AAC TTA CAT TGG CTT CAG CAG GAA CCA GAT GGA ACT ATT      192
79      Ile Gly Ile Asn Leu His Trp Leu Gln Gln Glu Pro Asp Gly Thr Ile
80          30                      35                      40
81
82      AAA CGC CTG ATC TAC GCC ACA TCC AGT TTA GGT TCT GGT GTC CCC AAA      240
83      Lys Arg Leu Ile Tyr Ala Thr Ser Ser Leu Gly Ser Gly Val Pro Lys
84          45                      50                      55                      60
85
86      AGG TTC AGT GGC AGT AGG TCT GGG TCA GAT TAT TCT CTC ACC ATC AGC      288
87      Arg Phe Ser Gly Ser Arg Ser Gly Ser Asp Tyr Ser Leu Thr Ile Ser
88          65                      70                      75
89
90      AGC CTT GAG TCT GAA GAT TTT GTA GCC TAT TAC TGT CTA CAA TAT GCT      336
91      Ser Leu Glu Ser Glu Asp Phe Val Ala Tyr Tyr Cys Leu Gln Tyr Ala
92          80                      85                      90
93
94      AGT TCT CCG TAC ACG TTC GGA GGG GGG ACC AAG CTG GAA ATA AAA CGG      384
95      Ser Ser Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg
96          95                      100                      105
97
98      GCT GAT GCT GCA CCA ACT GTA TCC ATC TTC CCA CCA TCC AGT AAG CTT      432
99      Ala Asp Ala Ala Pro Thr Val Ser Ile Phe Pro Pro Ser Ser Lys Leu

```

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/836,455DATE: 06/23/98  
TIME: 13:34:16

INPUT SET: S26895.raw

100 110 115 120 435

101

102 GGG

103 Gly

104 125

105

106

107 (2) INFORMATION FOR SEQ ID NO:2:

108

109 (i) SEQUENCE CHARACTERISTICS:

110 (A) LENGTH: 145 amino acids

111 (B) TYPE: amino acid

112 (D) TOPOLOGY: linear

113

114 (ii) MOLECULE TYPE: protein

115

116 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

117

118 Met Gly Ala Pro Ala Gln Ile Leu Gly Phe Leu Leu Leu Leu Phe Pro

119 -20 -15 -10 -5

120

121 Gly Thr Arg Cys Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser

122 1 5 10

123

124 Ala Ser Leu Gly Gln Arg Val Ser Leu Thr Cys Arg Ala Ser Gln Asp

125 15 20 25

126

127 Ile Gly Ile Asn Leu His Trp Leu Gln Gln Glu Pro Asp Gly Thr Ile

128 30 35 40

129

130 Lys Arg Leu Ile Tyr Ala Thr Ser Ser Leu Gly Ser Gly Val Pro Lys

131 45 50 55 60

132

133 Arg Phe Ser Gly Ser Arg Ser Gly Ser Asp Tyr Ser Leu Thr Ile Ser

134 65 70 75

135

136 Ser Leu Glu Ser Glu Asp Phe Val Ala Tyr Tyr Cys Leu Gln Tyr Ala

137 80 85 90

138

139 Ser Ser Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg

140 95 100 105

141

142 Ala Asp Ala Ala Pro Thr Val Ser Ile Phe Pro Pro Ser Ser Lys Leu

143 110 115 120

144

145 Gly

146 125

147

148 (2) INFORMATION FOR SEQ ID NO:3:

149

150 (i) SEQUENCE CHARACTERISTICS:

151 (A) LENGTH: 461 base pairs

152 (B) TYPE: nucleic acid

# RAW SEQUENCE LISTING PATENT APPLICATION US/08/836,455

DATE: 06/23/98  
TIME: 13:34:17

INPUT SET: S26895.raw

```

153          (C) STRANDEDNESS: single
154          (D) TOPOLOGY: linear
155
156      (ii) MOLECULE TYPE: DNA (genomic)
157
158
159      (ix) FEATURE:
160          (A) NAME/KEY: CDS
161          (B) LOCATION: 1..459
162
163      (ix) FEATURE:
164          (A) NAME/KEY: mat_peptide
165          (B) LOCATION: 58
166
167
168      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
169
170      ATG GAA TGC AGC TGG GTC TTT CTC TTC CTC CTG TCA ATA ACT ACA GGT      48
171      Met Glu Cys Ser Trp Val Phe Leu Phe Leu Leu Ser Ile Thr Thr Gly
172      -19          -15          -10          -5
173
174      GTC CAC TCC CAG GCT TAT CTA CAG CAG TCT GGG GCT GAG CTG GTG AGG      96
175      Val His Ser Gln Ala Tyr Leu Gln Gln Ser Gly Ala Glu Leu Val Arg
176          1          5          10
177
178      TCT GGG GCC TCA GTG AAG ATG TCC TGC AAG GCT TCT GGC TAC ACA TTG      144
179      Ser Gly Ala Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Leu
180          15          20          25
181
182      ACC AGT TAC AAT ATG CAC TGG GTA AAG CAG ACA CCT GGA CAG GGC CTG      192
183      Thr Ser Tyr Asn Met His Trp Val Lys Gln Thr Pro Gly Gln Gly Leu
184      30          35          40          45
185
186      GAA TGG ATT GGA AAT ATT TTT CCT GGA AAT GGT GAT ACT TAC TAC AAT      240
187      Glu Trp Ile Gly Asn Ile Phe Pro Gly Asn Gly Asp Thr Tyr Tyr Asn
188          50          55          60
189
190      CAG AAG TTT AAG GGC AAG GCC TCA TTG ACT GCA GAC ACA TCC TCC AGC      288
191      Gln Lys Phe Lys Gly Lys Ala Ser Leu Thr Ala Asp Thr Ser Ser Ser
192          65          70          75
193
194      ACA GCC TAC ATG CAG ATC AGC AGC CTG ACA TCT GAA GAC TCT GCG GTC      336
195      Thr Ala Tyr Met Gln Ile Ser Ser Leu Thr Ser Glu Asp Ser Ala Val
196          80          85          90
197
198      TAT TTC TGT GCA AGA GGG AAC TGG GAG GGT GCT CTG GAC TAC TGG GGT      384
199      Tyr Phe Cys Ala Arg Gly Asn Trp Glu Gly Ala Leu Asp Tyr Trp Gly
200          95          100          105
201
202      CAA GGA ACC TCA GTC ACC GTC TCC TCA GCC AAA ACG ACA CCC CCA CCC      432
203      Gln Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Pro Pro Pro
204      110          115          120          125
205

```

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/836,455

DATE: 06/23/98

TIME: 13:34:18

INPUT SET: S26895.raw

461

206 GTC TAT CCA CTG GTC CCT GGA AGC TTG GG  
207 Val Tyr Pro Leu Val Pro Gly Ser Leu  
208 130  
209  
210

## 211 (2) INFORMATION FOR SEQ ID NO:4:

## 212 (i) SEQUENCE CHARACTERISTICS:

213 (A) LENGTH: 153 amino acids

214 (B) TYPE: amino acid

215 (D) TOPOLOGY: linear

## 216 (ii) MOLECULE TYPE: protein

## 217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

222 Met Glu Cys Ser Trp Val Phe Leu Phe Leu Leu Ser Ile Thr Thr Gly  
223 -19 -15 -10 -5

225 Val His Ser Gln Ala Tyr Leu Gln Gln Ser Gly Ala Glu Leu Val Arg  
226 1 5 10

228 Ser Gly Ala Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Leu  
229 15 20 25

231 Thr Ser Tyr Asn Met His Trp Val Lys Gln Thr Pro Gly Gln Gly Leu  
232 30 35 40 45

234 Glu Trp Ile Gly Asn Ile Phe Pro Gly Asn Gly Asp Thr Tyr Tyr Asn  
235 50 55 60

237 Gln Lys Phe Lys Gly Lys Ala Ser Leu Thr Ala Asp Thr Ser Ser Ser  
238 65 70 75

240 Thr Ala Tyr Met Gln Ile Ser Ser Leu Thr Ser Glu Asp Ser Ala Val  
241 80 85 90

243 Tyr Phe Cys Ala Arg Gly Asn Trp Glu Gly Ala Leu Asp Tyr Trp Gly  
244 95 100 105

246 Gln Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Pro Pro Pro  
247 110 115 120 125

248  
249 Val Tyr Pro Leu Val Pro Gly Ser Leu  
250 130  
251

## 252 (2) INFORMATION FOR SEQ ID NO:5:

## 253 (i) SEQUENCE CHARACTERISTICS:

254 (A) LENGTH: 321 base pairs

255 (B) TYPE: nucleic acid

256 (C) STRANDEDNESS: single

257 (D) TOPOLOGY: linear

258

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/836,455**

DATE: 06/23/98  
TIME: 13:34:19

***INPUT SET: S26895.raw***

Line

Error

Original Text